

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0004		3. EFFECTIVE DATE 15 May 2002		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. ARMY ENGINEER DISTRICT, ALBUQUERQUE CORPS OF ENGINEERS 4101 JEFFERSON PLAZA, N.E. ALBUQUERQUE, NEW MEXICO 87109-3435		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. DACA47-02-R-0004			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 05 February 2002			
				10A. MODIFICATION OF CONTRACTS/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☒ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

PROJECT: TWO PHASE DESIGN/BUILD, TELESCOPE ATMOSPHERE COMPENSATION LABORATORY, KIRTLAND AIR FORCE BASE, NEW MEXICO

1. This is Amendment No. 4 to Solicitation No. DACA47-02-R-0004; 05 February 2002. The following revisions shall be incorporated into the specifications. All other provisions shall remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

2. SPECIFICATIONS: Delete the following listed pages and substitute the pages attached hereto. On the revised pages, for convenience, changes are emphasized by the amendment number in parentheses before and after changes from the previous issue. All portions of the revised (or new) pages shall apply whether or not changes have been indicated.

Delete Page

Insert Page

Volume 1 of 3

00010-3 thru 00010-4
00800-1
01010-91

00010-3 thru 00010-5
00800-1 thru 00800-1a
01010-91

/////////LAST ITEM/////////

PROPOSAL SCHEDULE
(To be attached to SF 1442)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
(4) <u>BASE BID</u>					
0001	Total Cost for Design of the Telescope Atmosphere Compensation Laboratory and All Site Improvements, Including Comprehensive Interior Design, Complete	Job	Sum	***	\$ _____
0002	Total Cost for Construction of the Telescope Atmosphere Compensation Laboratory, Inside the Building 5'-0" Line, Complete	Job	Sum	***	\$ _____
0003	Total Cost for Construction of All Site Improvements, Including Demolition (Outside the Building 5'-0" Line), Including Grading, Rigid and Flexible Paving, Utilities, Storm Drain, Parking, Dumpster Pad, Curb and Gutters, Sidewalks, Chain Link Fencing, Exterior Lighting, Complete	Job	Sum	***	\$ _____
0004	Final As-Built Drawings	Job	Sum	***	\$ <u>8,500.00</u>
0005	Operation and Maintenance Manuals	Job	Sum	***	\$ <u>8,500.00</u>
TOTAL AMOUNT BASE BID					\$ _____

PROPOSAL SCHEDULE (Cont'd)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<u>OPTION NO. 1</u>					
0006	Total Cost for Design of Underground Exterior Comm Duct Bank from Existing Building 66001 (On the SOR Site) to the New Tac Lab and Underground Exterior Comm Duct Bank from the New Tac Lab to Existing Building 66029, Complete	Job	Sum	***	\$ _____
0007	Total Cost for Construction of Underground Exterior Comm Duct Bank from Existing Building 66001 (On the SOR Site) to the New Tac Lab and Underground Exterior Comm Duct Bank from the New Tac Lab to Existing Building 66029, and All Associated Work, Complete	Job	Sum	***	\$ _____
0008	Final As-Built Drawings	Job	Sum	***	\$ <u>1,500.00</u>
TOTAL AMOUNT OPTION NO. 1					\$ _____

RECAPITULATION

1. Total Amount of Base Bid and Option No. 1 \$ _____

NOTES:

1. Award of all Proposal Items will be made to one proposer. Award of Base Bid and Option (if awarded) will be made to one proposer. Proposers must bid on all items.

PROPOSAL SCHEDULE (Cont'd)

NOTES: (Cont'd)

2. EXERCISE OF OPTIONS. The Government reserves the right to exercise the option(s) by written notice to the Contractor either singularly or in any combination for up to 60 calendar days after award of the Base Bid without an increase in the Offeror's bid price. Completion of added options shall continue at the same schedule as the Base Bid unless otherwise noted in the SPECIAL CONTRACT REQUIREMENTS, Paragraph 1, COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK.

3. EVALUATION OF OPTIONS: (FAR 52.217-5) (JUL 1990)

(a) Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirements. Evaluation of options will not obligate the Government to exercise the options(s).

4. PROGRESS PAYMENT REQUESTS made by the Contractor pursuant to the provisions of Contract Clause, PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS, shall be submitted on ENG FORM 93 to the billing office as designated on Block 26, Standard Form 1442, Solicitation, Offer and Award, back. ENG FORM 93 shall be submitted to that office on the 1st of each month in appropriate form and certified. Photocopies of the form shall be furnished on that same date to the Corps of Engineers offices designated at the Pre-Construction Conference.

(4)

Specifications: Telescope Atmosphere Compensation Laboratory, Kirtland Air Force Base, New Mexico

SECTION 00800

SPECIAL CLAUSES

1. COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK (FAR 52.211-10) (APR 1984).

(a) The Contractor shall be required to (a) commence work under this contract within ten (10) calendar days after the date the Contractor receives notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than the dates or number of calendar days after the date of receipt by him of notice to proceed set forth in the schedule below:

SCHEDULE

Item of Work	Commencement Time	Completion Time in Calendar Days After Receipt of Notice to Proceed	Liquidated Damages Per Calendar Day
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(4)

BASE BID

1.1 Design and Construction of the Telescope Atmosphere Compensation Laboratory, Including All Site Improvements, Complete	After Receipt of Notice to Proceed (see Note 1)	530	\$1,085.00
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OPTION NO. 1

1.2 Design and Construction of Underground Exterior Comm Duct Bank From Existing Building 66001 to New Tac Lab and From the New Tac Lab to Existing Building 66029, and All Associated Work, Complete	(If Option No. 1 is awarded, no additional time will be provided; the work shall be accomplished within the time period specified in the applicable sequence of work for the Base Bid requirement.)		
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1.3 Final As-Built Drawings	(See Note 2)	-	-
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1.4 Operation and Maintenance (O & M) Manuals	(See Note 3)	-	-
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(4)

NOTES:

1. The completion time includes 30 calendar days for Government review of the 60% and 100% design submittal and 15 calendar days for the corrected final design submittal review and approval. Written acknowledgement and verification of conformance to the RFP of the corrected final by the Government and receipt of construction documents shall constitute Notice to proceed with construction. Prior to NTP with construction, the Contractor may be allowed to mobilize on site with Contracting Officer approval.

2. As-Built Drawings. The Contractor shall complete work on the final as-built drawings upon his receipt of the approved working as-built drawings. The Contractor shall provide final as-built drawings as specified in Section 01720. Upon satisfactory completion of this work the Contractor shall have earned the amount shown for Final As-Built Drawings in the Proposal Schedule.

cable, buried a minimum of 24 inches below grade. The FO cable and the copper cable may be installed in the same trench, but shall have a minimum separation of 12 inches, and each shall have a metallic marker tape buried 12 inches directly above it. The FO and copper cables shall be installed in non-reinforced concrete encased Sch. 40 PVC conduit at road crossings. The FO and copper comm. cables shall be installed along the north side of Mount Washington Rd. Separations between communication cables and other utility systems shall be maintained per the latest versions of the EIA/TIA standards and the NESC.

8.2.7.1 **RST5.** In building 29010, at the RST5, the following shall be provided: The 400 pair copper cable shall be terminated on Reliable Electric R399 Series Connectors. The FO cable shall be terminated on a wall mounted patch panel/LAN Rack.

(4) 8.2.7.2 **Duct Bank Bid Option.** A new underground exterior Comm duct bank from existing building 66001 (on the SOR site) to the new TAC LAB project building. The duct bank shall consist of ten (10) 4" Sch. 40 PVC conduits, encased in non-reinforced concrete. Four (4) of the 4" conduits shall be open and six (6) shall have 4-1" multiguard innerduct conduits installed. (4)

(4) 8.2.7.3 **Duct Bank Bid Option.** A new underground exterior Comm Duct bank from the new TACLAB building to existing building 66029. The duct bank shall consist of two (2) 4" Sch. 40 PVC conduits, encased in non-reinforced concrete. The 2 conduits shall each have 4-1" innerduct conduits installed. (4)

8.2.7.3.1 **Above Ground.** For the above duct banks, in areas where an underground duct bank is not feasible (eg: on the uphill exposed rock slopes) an above ground duct bank may be installed. The above ground duct bank(s) shall be IMC conduit(s) and NEMA 12 type lockable pullboxes mounted on a double strength unistrut type support system, securely founded on concrete footings. The footings and support system(s) shall be designed to suit the soil/rock conditions and for seismic loads, dead loads, wind, and thermal loadings. The seismic design loading shall be .11658740 g. (where g. equal acceleration due to gravity) peak ground acceleration (PGA). The thermal temperature design range shall be from -20 deg. F. to +120 deg. F. The wind speed design range shall be up to 125 MPH. The IMC conduits and support system shall be installed with expansion joints suitable for the above design criteria. Conduits shall be installed with no more than 180 degrees of conduit bend between pullboxes. Duct bank cable routings shall be submitted to the Contracting Officer for approval. Pull ropes shall be provided in all conduits and innerducts for future installations.

8.2.8 **Miscellaneous.**

8.2.8.1 **Road Crossings.** It shall be the responsibility of the Contractor to provide proper coordination and obtain all necessary permits, approvals, etc., before installing the crossings. Crossing ducts shall consist of reinforced concrete encased nonmetallic conduits.

8.2.8.2 **Utility Crossings.** Clearances from existing and new utilities (water, gas, sewer, etc.) shall be as specified in ANSI C2.

8.2.8.3 **Underground Splices.** Underground connections or splices shall not be permitted in primary or secondary conductors.